MECHANICAL SIZING AND FAN POWER						MECH-4	
PROJECT NAME						DATE	
SYSTEM NAME						FLOO	R AREA
						T EGGICANCEA	
NOTE: Provide one copy of this form for ea	ch mechanical sys	tem when usin	g the Prescrip	tive Approach.		-	
SIZING and EQUIPMENT SE	LECTION						
1. DESIGN CONDITIONS:						COOLING	HEATING
- OUTDOOR, DRY BULB TEMPE	RATURE	(APPENDIX C)					
- OUTDOOR, WET BULB TEMPERATURE		(APPENDIX C)					
- INDOOR, DRY BULB TEMPERATURE		(1993 ASHRAE handbook, See Chap. 8, Fig. 5)					
2. SIZING		i ig. 5)			L		J L
- DESIGN OUTDOOR AIR							
- ENVELOPE LOAD					Ī		
- LIGHTING					Ī		
- PEOPLE					Ī		
- MISCELLANEOUS EQUIPMENT	-				Ţ		
- OTHER		1)	(Describe)				
- OTHER		(Describe)			ļ		
- OTHER		([	Describe)				
				т	OTALS		
OTHER LOADS/SAFETY FACTOR (enter 1.21 for cooling and 1.43 heating)							
MAXIMUM ADJUSTED LOAD (TOTALS FROM ABOVE X OTHER LOAD/SAFETY FACTOR)					R)		
3. SELECTION:					·		<u> </u>
INSTALLED EQUIPMENT CAPACITY							
					L	KBtu / Hr	KBtu / Hr
IF INSTALLED CAPACITY EXCE							
ADJUSTED LOAD, EXPLAIN							
FAN POWER CONSUMPTION	N .						
A	В	С	D	E	F	]	G
EAN DESCRIPTION	DESIGN	EFFIC MOTOR	IENCY DRIVE	NUMBER		WATTS	CFM
FAN DESCRIPTION	BRAKE HP	IVIOTOR	DKIVE	OF FANS	D X E X /4	6 / (C x D)	(Supply Fans)
	1						
	1						
NOTE: Include only fan systems exceedin	g 25 HP (see § 144	4).		TOTALS			
Total Fan System Power Demand may no Watts/CFM for constant volume systems of		for				AL FAN SYSTE	
VAV systems.					P	OWER DEMAN WATTS / CF	001.17